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(54) PESTICIDE FOR CONTROLLING VIRAL DISEASES OF PLANTS

(57)Abstract:

PURPOSE: To provide a pesticide which protects plants such as tobacco, tomato, green pepper, cucumber, etc., from the infection with virus, and contains a polystyrenesulfonic acid salt as an effective component.

CONSTITUTION: A pesticide for plant viral diseases, containing a polymer composed mainly of a polystyrenesulfonic acid salt of formula (M is mono-valent metal atom, NH<sub>4</sub>, divalent metal atom; R<sub>1</sub>, R<sub>2</sub> are H, CH<sub>3</sub>; R<sub>3</sub> is H, halogen, CH<sub>3</sub>) as an effective component. The amount of the sulfonic acid salt unit in the polymer is ≥50 mol%, pref. ≥70 mol%. Rate of application: 50W500 l/10 ares of a solution containing 500W5000ppm of effective component, in case of wettable powder, emulsifiable concentrate, or liquid by leaf- and stalk-spraying or soil permeation; and 100W1000 g/10 ares for powder by mixing into soil.

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